

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-54 (Canceled)

Claim 55 (Currently amended) An isolated nucleic acid molecule comprising a sequence of nucleotides encoding or complementary to a sequence encoding a polypeptide comprising ~~an~~ the amino acid sequence as set forth in SEQ ID NO:8, wherein said polypeptide has activity against a plant pest, wherein said nucleic acid molecule further comprises a sequence of nucleotides encoding a C-terminal amino acid sequence and/or a sequence of nucleotides encoding an N-terminal signal sequence.

Claim 56 (Currently amended) The isolated nucleic acid molecule of claim 55, wherein the ~~nucleotide sequence further encodes a~~ C-terminal amino acid sequence comprises the sequence as set forth in SEQ ID NO:12.

Claim 57 (Currently amended) The isolated nucleic acid molecule of claim 55 or 56, wherein the ~~nucleotide sequence encodes a~~ N-terminal signal sequence comprises the sequence as set forth in SEQ ID NO:10.

Claim 58 (Currently amended) The isolated nucleic acid molecule of claim 55, wherein the nucleotide sequence encodes ~~an~~ the amino acid sequence set forth in SEQ ID NO:18.

Claim 59 (Currently amended) The isolated nucleic acid molecule of claim 55, comprising the nucleotide sequence as set forth in SEQ ID NO:7.

Claim 60 (Currently amended) The isolated nucleic acid molecule of claim 56, wherein the C-terminal amino acid sequence is encoded by ~~comprising~~ the nucleotide sequence as set forth in SEQ ID NO:11.

Claim 61 (Currently amended) The isolated nucleic acid molecule of claim 57, wherein the N-terminal signal sequence is encoded by ~~comprising~~ the nucleotide sequence as set forth in SEQ ID NO:9.

Claim 62 (Currently amended) The isolated nucleic acid molecule of claim 58, comprising the nucleotide sequence as set forth in SEQ ID NO:17.

Claim 63 (Withdrawn) An isolated protein comprising a sequence of amino acids set forth in SEQ ID NO:8 wherein said polypeptide has activity against a plant pest.

Claim 64 (Withdrawn) The isolated protein of claim 63 further comprising a C-terminal amino acid sequence set forth in SEQ ID NO:12.

Claim 65 (Withdrawn) The isolated protein of claim 63 or 64 further comprising a signal sequence as set forth in SEQ ID NO:10.

Claim 66 (Withdrawn) The isolated protein of claim 63 comprising the amino acid sequence set forth in SEQ ID NO:18.

Claim 67 (Currently amended) The isolated nucleic acid molecule of claim 55, ~~or isolated protein of claim 63~~ wherein the plant pest is an insect.

Claim 68 (Currently amended) The isolated nucleic acid molecule of claim 55, or ~~isolated protein of claim 63~~ wherein the plant pest is a fungus.

Claim 69 (Canceled)

Claim 70 (Previously amended) A genetically modified plant cell, tissue, organ or whole plant which expresses the nucleic acid molecule of claim 55.

Claim 71 (Canceled)

Claim 72 (Currently amended) The plant cell, tissue, organ or whole plant of claim 70, or ~~74~~ wherein the plant is a cotton plant.

Claim 73 (Currently amended) Progeny of the plant of claim 70 or ~~74~~, 72, wherein said progeny expresses the nucleic acid molecule of claim 55.

Claim 74 (Canceled)

Claim 75 (Canceled)

Claim 76 (Currently amended) A method for generating a plant with increased resistance to a plant pest, said method comprising introducing into a genome of a plant cell an expressible form of a nucleic acid molecule of claim 55, 56, ~~57~~ or 58 and regenerating a plant from said cell.

Claim 77 (Canceled)

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Claim 78 (Previously presented) The method of claim 76 wherein the plant is a cotton plant.

Claim 79 (New) The method of claim 76 wherein said nucleic acid is expressed in epidermal layers of petals and sepals, cortical cells of a style and/or the connective tissue of an anther.